

REMARKS/ARGUMENTS

The rejections presented in the Office Action dated May 20, 2008 (hereinafter Office Action) have been considered. Claims 1-34 remain pending in the application. Reconsideration of the pending claims and allowance of the application in view of the present response is respectfully requested.

1. Claims 1-3, 5-9, 11-31 and 33 are rejected based on 35 U.S.C. §102(e) as being anticipated by U.S. Publication No. 2004/0045004 by Cheenath (hereinafter “Cheenath”).

Applicants respectfully traverse the rejections. Cheenath fails to expressly or inherently disclose all of the claim limitations. Referring first to independent Claims 1, 13, 17, 21, 23, 27, and 30, these claims all describe a reduced message that is formed based on at least a variant portion of a Web service message. Cheenath fails to show, either expressly or inherently, the formation of a reduced Web service message. Cheenath is directed to extending distributed applications to automatically access web services. (Cheenath, 0011). Cheenath describes using Java to automatically discover and invoke web services (Cheenath, 0017), which may involve automatically constructing a SOAP envelope for invoking a remote web service. (Cheenath, 0021).

In the Office Action (e.g., page 2, last paragraph) paragraph 0025 of Cheenath is relied upon to show a reduced message that is formed based on at least a variant portion of a Web service message. This paragraph of Cheenath states, in its entirety:

The XML encoded parameters for an RPC web service are placed inside a SOAP envelope and sent to the web service as an HTTP post request. In one embodiment, the web service may have a result or output after receiving the post request. In this case, the result of the HTTP post request is received by the client as an HTTP response wrapped in a SOAP envelope. The response SOAP envelope is then parsed to retrieve the response from the web service.

Here, as elsewhere in the reference, Cheenath is describing a formation and sending of a standard SOAP message. Nowhere does Cheenath state or suggest that the SOAP envelope is “reduced” in any way. The SOAP envelope shown in paragraph 0023, for example, is a fully formed envelope that may be used for remote invocation as described in the first sentence of paragraph 0025. Nowhere does Cheenath describe reducing any of the data contained in this or other SOAP envelopes before invoking a Web service with the envelope.

While Cheenath may have additional deficiencies relative to Claims 1, 13, 17, 21, 23, 27, and 30, for the reasons above Cheenath does not anticipate these claims. Claims 2-3, 5-9, 11, 12, 14-16, 18-20, 24-26, 28, 29, 31, and 33 properly depend from Claims 1, 13, 17, 21, 23, 27, and 30, respectively, and therefore are allowable over Cheenath for the same reasons. Further, regarding dependent Claims 3, 5, and 6, paragraphs 0021 and 0025 of Cheenath were relied upon to show forming reference data based on the invariant portion of the Web service message and including the reference data in the reduced message. However, paragraph 0021 merely describes the forming of the non-reduced SOAP message based on constituent parts (e.g., SOAP body, SOAP envelope) and paragraph 0025 describes the remote processing of that message. Cheenath fails to expressly describe identifying or referencing invariant portions of the message, nor does Cheenath disclose anything other than creating a fully formed message that includes both variant and invariant portions (e.g., Cheenath, 0023). For this reason, Cheenath further fails to anticipated Claims 3, 5, and 6.

Regarding Claim 7-9, 11, 12, these claims describe forming a reproduction of the Web service message based on the reduced message. Paragraph 0025 of Cheenath was relied upon to show this reproduction of the Web service message. However, this only teaches sending parameters inside a SOAP envelope and sending the envelope to a web service. Cheenath does not describe that the received SOAP envelope is reproduced based on a reduced message. Further, as with Claims 3, 5, and 6, Cheenath fails to disclose any use of a reference to an invariant portion of the Web service message and including the reference in the reduced message as is set forth in Claims 8, 9, 11, and 12. For these additional reasons, Cheenath further fails to anticipate Claims 7-9, 11, 12.

2. Claims 4 and 10 are rejected based on 35 U.S.C. §103(a) as being unpatentable over Cheenath as applied to claims 1 and 8, and further in view of U.S. Patent No. 6,772,413 to Kuznetsov (hereinafter “Kuznetsov”). Claims 32 and 34 are rejected based on 35 U.S.C. §103(a) as being unpatentable over Cheenath as applied to claims 21 and 30, and further in view of U.S. Publication No. 2002/0040369 by Multer et al. (hereinafter “Multer”).

For the rejections of Claims 4, 10, 32, and 34, the Examiner relies on Cheenath as teaching the substance of the claims from which these Claims are dependent, namely, independent Claims 1, 21, and 30, respectively. The Examiner does not rely on Kuznetsov or

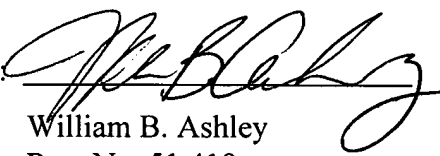
Multer as providing a remedy to the deficiencies of Cheenath as it pertains to independent Claim 1, nor do Kuznetsov or Multer provide such a remedy. Thus, because neither Cheenath Kuznetsov, nor Multer teach at least the recitations of Claims 1, 21, and 30, combinations of Cheenath with Kuznetsov and Cheenath with Multer fails to teach these recitations. Further, combinations of Cheenath with Kuznetsov and Cheenath with Multer fail to suggest the invention set forth in Claims 1, 21, and 30 as there is no reference to at least forming or sending a reduced message based on at least a variant portion of a Web service message. While other requisites of establishing prima facie obviousness may also be absent, the Applicants respectfully submit that the cited combination of references at least fails to teach or suggest all of the claim limitations. For at least this reason, Claims 4, 10, 32, and 34 are not rendered obvious by the respective combinations of Cheenath/ Kuznetsov and Cheenath/Multer, and withdrawal of the rejection is respectfully solicited.

Authorization is given to charge Deposit Account No. 50-3581 (NOKM.059PA) any necessary fees for this filing. If the Examiner believes it necessary or helpful, the Examiner is invited to contact the undersigned attorney to discuss any issues related to this case.

Respectfully submitted,

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